4	1620	349/158	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:12
11	394	349/158 and gap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:13
12	534	349/158 and (gap distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:29
13	120	349/157 and (gap distance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:29
-	382	349/155	USPAT	2002/06/26 20:45
-	1169	349/155	USPAT; JPO	2002/06/24 20:01
-	1118	349/153	USPAT; JPO	2002/06/24 16:32
-	176	349/190	USPAT; JPO	2002/06/24 16:33
-	21	((cell adj gap) and (thermal adj expans$4)) same temperature	USPAT; JPO	2003/05/12 14:18
-	8	(((cell adj gap) and (thermal adj expans$4)) same temperature) and 349/155	USPAT; JPO	2002/06/24 20:03
-	193	349/155 and (cell adj gap)	USPAT; JPO	2002/06/26 14:23
-	47	349/190 and (cell adj gap)	USPAT; JPO	2002/06/24 21:03
-	115	349/153 and (cell adj gap)	USPAT; JPO	2002/06/24 21:04
-	1991	(liquid adj crystal) and (cell adj gap)	USPAT; JPO	2002/06/26 14:25
-	57	(liquid adj crystal) and ((cell adj gap) same center)	USPAT; JPO	2002/06/26 14:26
-	179	349/158 and (substrate with thickness)	USPAT	2004/06/25 12:11
-	179	349/158 and (substrate with thickness)	USPAT	2004/06/25 12:12
-	121	((cell adj gap) and (thermal adj expans$4)) and temperature	USPAT; US-PGPUB; JPO	2003/01/13 16:56
-	166	349/158 and (substrate with thickness) and temperature	USPAT; US-PGPUB; JPO	2003/01/13 17:17
-	36	349/158 and (substrate with thickness) and temperature and gradua$4	USPAT; US-PGPUB; JPO	2003/05/12 14:22
-	12451	(substrate with thickness) and temperature and gradua$4	USPAT; US-PGPUB; JPO	2003/01/13 18:11
-	2079	(substrate with thickness) and temperature and gradua$4 and (liquid adj crystal)	USPAT; US-PGPUB; JPO	2003/01/13 18:13
-	1081	(substrate with thickness) and temperature and gradua$4 and (liquid adj crystal) and gap	USPAT; US-PGPUB; JPO	2003/01/14 10:32
-	0	(substrate with thickness) and temperature and gradua$4 and (liquid adj crystal) and gap and ((irregular with color) with temperature)	USPAT; US-PGPUB; JPO	2003/01/13 18:18
-	10	(substrate with thickness) and temperature and gradua$4 and (liquid adj crystal) and gap and (irregular with temperature)	USPAT; US-PGPUB; JPO	2003/01/14 10:21
-	29	(substrate with thickness) and temperature and gradua$4 and (liquid adj crystal) and gap and 349/158	USPAT; US-PGPUB; JPO	2003/01/14 10:31
-	127	(substrate with thickness) and temperature and (gap same gradua$4) and (liquid adj crystal)	USPAT; US-PGPUB; JPO	2003/05/12 14:23
-	342	349/158 and (substrate with thickness)	USPAT; US-PGPUB; JPO	2003/01/14 10:42

-	37	((cell adj gap) and (thermal adj expans$4)) same temperature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 13:27
-	140	(substrate with thickness)and temperature and (gap same gradua$4) and (liquid adj crystal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 13:29
-	38	349/158 and (substrate with thickness)and temperature and gradua$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/05/12 14:28
-	4751	(substrate with thickness)and temperature and (gap) and (liquid adj crystal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 13:30
-	19	(substrate with thickness)and (room adj temperature) and (gap near (icrease or decrease)) and (liquid adj crystal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 13:31
-	58	((cell adj gap) and (thermal adj expans$4)) and (room adj temperature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 13:46
-	60	((cell adj gap) near10 (increase or decrease)) and (room adj temperature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 13:47
-	43	((cell adj gap) and (thermal adj expans$4)) same temperature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 12:05
-	1	5537235.pn.	USPAT	2004/04/07 11:43
-	2	5629787.pn. 5499127.pn.	USPAT	2004/06/25 12:00

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2	16	((cell adj gap) and (thermal adj expans$4)) near10 temperature	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 12:07
3	62	((cell adj gap) and (thermal adj expans$4)) and (room adj temperature)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 12:08
6	6142	cell near10 gap	USPAT	2004/06/25 12:13
7	2374	(cell near10 gap) and (liquid adj crystal)	USPAT	2004/06/25 12:13
8	1591	(cell near10 gap) and (liquid adj crystal) and temperature	USPAT	2004/06/25 12:14
10	27	(cell near10 gap) and (liquid adj crystal) and temperature and (center near10 end)	USPAT	2004/06/25 12:14
5	100	349/158 and (cell near10 gap)	USPAT	2004/06/25 12:17

-	50	("5638202" "5920363" "5872610" "5959713" "5200847" "6181392" "5537233" "5701168" "5739888" "5884109" "4278328" "4380008" "4816885" "4818075" "4830941" "4856869" "4862234" "4902103" "4932757" "5013138" "5212575" "5317919" "5327271" "5386307" "5496497" "5598286" "5644370" "5650867" "5664353" "5699139" "5710611" "5742366" "5757443" "5774197" "5785890" "5812232" "5846657" "5913077" "5929959" "5953092" "5982471" "6031051" "6031593" "6061109" "6070021" "6084650" "6115092" "6132819" "6144438" "6144429").pn.	USPAT	2004/04/09 10:50
-	1	4795248.pn.	USPAT	2004/06/24 14:03
-	1	4795248.pn.	USPAT	2004/06/24 14:03